

Amendments to the Claims

1.-20. (Cancelled)

21. (Currently amended) A shelter capable of producing electrical energy comprising:
a canopy defining a sheltered area thereunder, the sheltered area including at least one vehicle parking space, the canopy including an upper surface having a first photovoltaic device, a lower surface having a second photoelectric device, and a light emitting diode device, wherein the first and second photovoltaic devices are capable of producing an electrical current when exposed to light;

a supporting structure connected to and supporting the canopy and permitting substantially unobstructed access by a vehicle to the sheltered area;

~~a photovoltaic device associated with the canopy, the photovoltaic device being capable of producing an electrical current when exposed to sunlight; and~~

an electrical load operatively connected to the first and second photovoltaic device devices for utilizing the electrically generated by the photovoltaic device when the photovoltaic device is exposed to light;

wherein the shelter has no walls.

22. (Currently amended) The shelter of claim 21 wherein ~~said photovoltaic device is the first and second photovoltaic devices~~ are supported by the canopy.

23 (Currently amended) The shelter of claim 21 wherein ~~said photovoltaic device is the first and second photovoltaic devices~~ are contained on or in the canopy.

24. (Currently amended) The shelter of claim 21 wherein ~~said photovoltaic device forms the first and second photovoltaic devices form~~ the canopy.

25. (Currently amended) The shelter of claim 21 wherein ~~said photovoltaic device is the~~ first and second photovoltaic devices are selected from the group consisting of crystalline photovoltaic systems, flexible thin film photovoltaic systems, stacked photovoltaic layers and photovoltaic and light emissive layers.

26. (Currently amended) The shelter of claim 25 wherein ~~said photovoltaic device is the~~ first and second photovoltaic devices are transparent.

27. (Currently amended) The shelter of claim 26 wherein the transparent first and second photovoltaic device is devices are composed of multiple layers of flexible thin transparent photovoltaic material.

28. (Currently amended) The shelter of claim 21 ~~wherein the canopy has an upper surface and an underside~~, further comprising:

~~a first photovoltaic device associated with the upper surface of the canopy and oriented to receive sunlight directly;~~

~~an artificial light source associated with the underside of the canopy; and a wherein the second photovoltaic device associated with the underside of the canopy and is directed toward the ground to receive light from the artificial light source, and~~

wherein the upper surface of the canopy is oriented to receive sunlight directly.

29. (Previously presented) The shelter of claim 28 wherein the artificial light source is dispersed within the second photovoltaic device.

30. (Cancelled)

31. (Currently amended) The device of claim 30 21 wherein the light emitting diode is capable of displaying human readable information.

32. (Currently amended) The device of claim 30 21 wherein the light emitting diode is a flexible thin film light emitting diode.

33. (Currently amended) ~~The shelter of claim 21 wherein~~ A shelter capable of producing electrical energy comprising:

a canopy defining a sheltered area thereunder, the sheltered area including at least one vehicle parking space;

a supporting structure connected to and supporting the canopy and permitting substantially unobstructed access by a vehicle to the sheltered area;

a photovoltaic device associated with the canopy, the photovoltaic device being capable of producing an electrical current when exposed to sunlight, the photovoltaic device further comprises including a light emitted emitting coating and the photovoltaic device is capable of generating electricity from the light emitted by the light emitting coating; and

an electrical load operatively connected to the photovoltaic device for utilizing the electrically generated by the photovoltaic device when the photovoltaic device is exposed to light;

wherein the shelter has no walls.

34. (Previously presented) The shelter of claim 21 wherein the electrical load is selected from the group consisting of the power distribution grid of a utility company and a battery.

35. (Previously presented) The shelter of claim 34 wherein said battery is operatively connected to a light which illuminates said sheltered area.

36. (Currently amended) A carport comprising:
at least one canopy, the canopy sheltering a parking area for at least one vehicle;
a supporting structure connected to and supporting the canopy and permitting substantially unobstructed access by a vehicle to the parking area;
a photovoltaic device associated with the canopy, the photovoltaic device being capable of producing a DC electrical current when exposed to sunlight, the photovoltaic device including a light emitting coating and the photovoltaic device is capable of generating electricity from the light emitted by the light emitting coating; and
an electrical load operatively connected to the photovoltaic device for utilizing the electricity generated by the photovoltaic device when the photovoltaic device is exposed to light, wherein the electrical load is selected from the group consisting of the power distribution grid of a utility company and a battery.

37. (Previously presented) The carport of claim 36 wherein the load comprises a battery which is charged by the DC electrical current produced by the photovoltaic device.

38. (Currently amended) The carport of claim 36 further comprising:
an inverter for converting the DC electrical current produced by the photovoltaic device to an AC electrical current; and
a connection for transmitting the AC electrical current to a the power distribution grid of the utility company power-grid.

39. (Previously presented) The carport of claim 36 further comprising a meter for measuring the AC current produced by the inverter.

40. (New) The shelter of claim 21 wherein the canopy includes a plurality of panels, each including the upper surface having the first photovoltaic device, the lower surface having a

second photoelectric device, and the light emitting diode device

41. (New) The shelter of claim 40 wherein, wherein the position of the panels is adjustable.